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Application No. 09/675,778  
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### REMARKS

The undersigned wishes to thank the Examiner for his time and cooperation during our teleconference of March 28, 2007. During the teleconference, the Examiner indicated the claim amendments set forth in this Amendment would be entered prior to appeal, as such amendments do not raise new issues. A Notice of Appeal was filed on March 28, 2007. Applicants submit that the claim amendments clarify the tangible nature of the claims. Support for the amendments can be found throughout the original specification, at page 1, lines 24-26, page 2, lines 21-23, and page 15, lines 5-10 for example.

The invention, as recited in independent claims 1, 42, 82, and 92, relates to a mathematical model of a physical system. The model has numerical values that represent physical aspects of the physical system. The invention allows, for example, engineers to model, test, and predict the response of a physical system without the need to build the physical system. Such systems can include electromagnetics, structural mechanics, fluid dynamics, and other physical systems. See page 16, lines 12-20 of the specification for example.

Entry of the amendments presented herein is solicited.

Respectfully submitted,



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